

Claims;

1. An overhead travelling carriage system comprising overhead travelling carriages each conveying an article and a running path along which the overhead travelling carriages run, the system being characterized:

in that conveying means is mounted in each of the overhead travelling carriages to load and unload an article in a direction orthogonal to a direction in which a carriage body advances, and

buffers are arranged at a side of the running path at a height corresponding to the conveying means of each overhead travelling carriage, the buffers each comprising loading and unloading means for delivering and receiving an article to and from the conveying means of the overhead travelling carriage.

2. An overhead travelling carriage system according to Claim 1, characterized in that upper stations are arranged at a side of the running path at a height corresponding to the conveying means of each overhead travelling carriage, the upper stations each comprising input and output means for delivering and receiving an article to and from the conveying means of the overhead travelling carriage.

3. An overhead travelling carriage system according to Claim 1, characterized in that ground stations are arranged below the running path, and a hoist is mounted in each overhead travelling carriage to deliver and receive an article to and from the ground stations in a vertical direction.

4. An overhead travelling carriage system according to Claim 2, characterized in that each of the buffers and the corresponding upper station are arranged opposite each other across the running path.

5. An overhead travelling carriage system according to Claim 2, characterized in that ground stations are arranged below the running path, and a hoist is mounted in each overhead travelling carriage to deliver and receive an article to and from the ground stations in a vertical direction.

6. An overhead travelling carriage system according to Claim 4, characterized in that ground stations are arranged below the running path, and a hoist is mounted in each overhead travelling carriage to deliver and receive an article to and from the ground stations in a vertical direction.